

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
Jung-hoe KIM et al)	Group Art Unit: Unassigned
Application No.: Unassigned)	Examiner: Unassigned
Filed: December 15, 2003)	Confirmation No.: Unassigned
For: METHOD AND APPARATUS FOR)	
ENCODING AND/OR DECODING)	
DIGITAL DATA USING BANDWIDTH)	
EXTENSION TECHNOLOGY)	

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. §1.98, copies of the cited documents are enclosed

To assist the Examiner, the documents are listed on the attached Form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date December 15, 2003

By: 

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Substitute for form 1449A/PTO & 1449B/PTO			Complete if Known		
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>			Application Number	Unassigned	
			Filing Date	December 15, 2003	
			First Named Inventor	Jung-hoe KIM et al	
			Examiner Name	Unassigned	
Sheet	1	of	1	Attorney Docket Number	030681-597

U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
					Yes	No
	1997-61298		Korea	07-01-2002	Abs	

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Ziegler et al, "Convention Paper 5560", presented at the 112th Convention of Audio Engineering Society, May 10-13, 2002, Munich, Germany, pages 1-7.

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.